ADVANCED CONCEPTS in MECHANICAL ENGINEERING

"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IAŞI - FACULTY OF MECHANICAL ENGINEERING

THE 7th INTERNATIONAL CONFERENCE ON
ADVANCED CONCEPTS IN MECHANICAL ENGINEERING
- DIMITRIE MANGERON JUBILEE -

ACME 2016

JUNE 9 – 10, 2016
IAŞI, ROMANIA



Organized by:

FACULTY of MECHANICAL ENGINEERING

"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI

Under the aegis of:

Romanian Ministry of National Education and Scientific Reseach
Romanian Academy of Technical Sciences
Academy of Romanian Scientists

In partnership with:

SIAR - Society of Automotive Engineers of Romania
ARoTMM - Romanian Association for Mechanisms and Machine Science
SROMECA – Romanian Association of Mechatronics

CONFERENCE CHAIRMAN

Cezar OPRIŞAN
Dean of the Faculty of Mechanical Engineering,
"Gheorghe Asachi" Technical University of Iaşi, RO

HONORARY COMMITTEE

SCIENTIFIC COMMITTEE

ORGANIZING COMMITTEE

Chairmen	Ioan DOROFTEI	ioan_doroftei@yahoo.com
	Aristotel POPESCU	aristotelpopescu@yahoo.com
Secretary	Carmen BUJOREANU	carmen.bujoreanu@gmail.com
Section 1	Mihaela Rodica BĂLAN	ro_balan@yahoo.com
	Gelu IANUŞ	gianus2002@yahoo.com
Section 2	Gheorghe PRISĂCARU	prisacaru_ghe2004@yahoo.com
	Cristel STIRBU	cristel_stirbu@yahoo.com
Section 3	Dumitru LEOHCHI	dleohchi@mail.tuiasi.ro
	Florentin BUIUM	fbuium@gmail.com
Section 4	Viorel GOANTA	vgoanta@tuiasi.ro
	Marian MAREŞ	mmares@mail.tuiasi.ro
Section 5	Eugen GOLGOŢIU	egolgotiu@yahoo.com
	Sorinel TALIF	tsorinel@yahoo.com
Section 6	Vlad Mario HOMUTESCU	mariohomutescu@gmail.com
	Marius ATANASIU	marius.atanasiu@yahoo.com
Section 7	Ovidiu BĂLAN	ovibalan@yahoo.com

TOPICS:

- Machine Design. Tribology. Materials and Surface Engineering (Section 1);
- Mechatronics. CAD. Mechanical Vibrations. (Section 2);
- Theory of Mechanisms and Machinery. Robotics (Section 3);
- Mechanics of Deformable Bodies (Section 4);
- Automotives. Engine and Transmission. Road Safety (Section 5);
- Applied Thermodynamics, Heat Transfer, and Renewable Energy. Thermal Systems (Section 6);
- Technologies in Agriculture and Food Processing (Section 7);

HISTORY AND AIM:

The First International Conference on **A**dvanced **C**oncepts in **M**echanical **E**ngineering was organized in 2004 by the Mechanical Engineering Faculty from "Gheorghe Asachi" Technical University of Iasi. Subsequently, it was organized every two years, becoming the most significant conference organized by our faculty.

The aim of ACME is to create the image of future mechanical systems, to initiate research in new areas bordering various research fields and to promote innovation in all its forms. The event will provide a forum for interaction between researchers and professionals from academia and industry, while promoting interaction between scientists and engineers. The conference will comprise technical and social programs. The technical program will include plenary and regular oral or poster presentations.

FEES:

- 150 €, including open access to all papers and conference dinner – one person (+50 € per extra paper by the same first author)
- 100 € for doctoral students and senior and emeritus professors
- 50 € for accompanying persons

DEADLINES:

- One page abstract submission: February 15th, 2016
- Notification of acceptance: February 15th, 2016
- Full paper submission: April 15rd, 2016

GENERAL INFORMATION:

- The ACME2016 Conference Proceedings will be published by *IOP Conference Series: Materials Science and Engineering*, an open-access proceedings journal, with abstracting and indexing in ISI Web of Science (Conference Proceedings Citation Index), Scopus, EI Compendex, among others (as a proceedings journal is not assigned an Impact Factor). There is no limit for number of pages.
- In order to be published, at least one author must register for the conference and present the paper.
- A maximum 1-page abstract will be submitted in electronic form, to the appropriate section manager.

More information on the conference WEB page: **http://www.mectuiasi.ro/acme2016**